

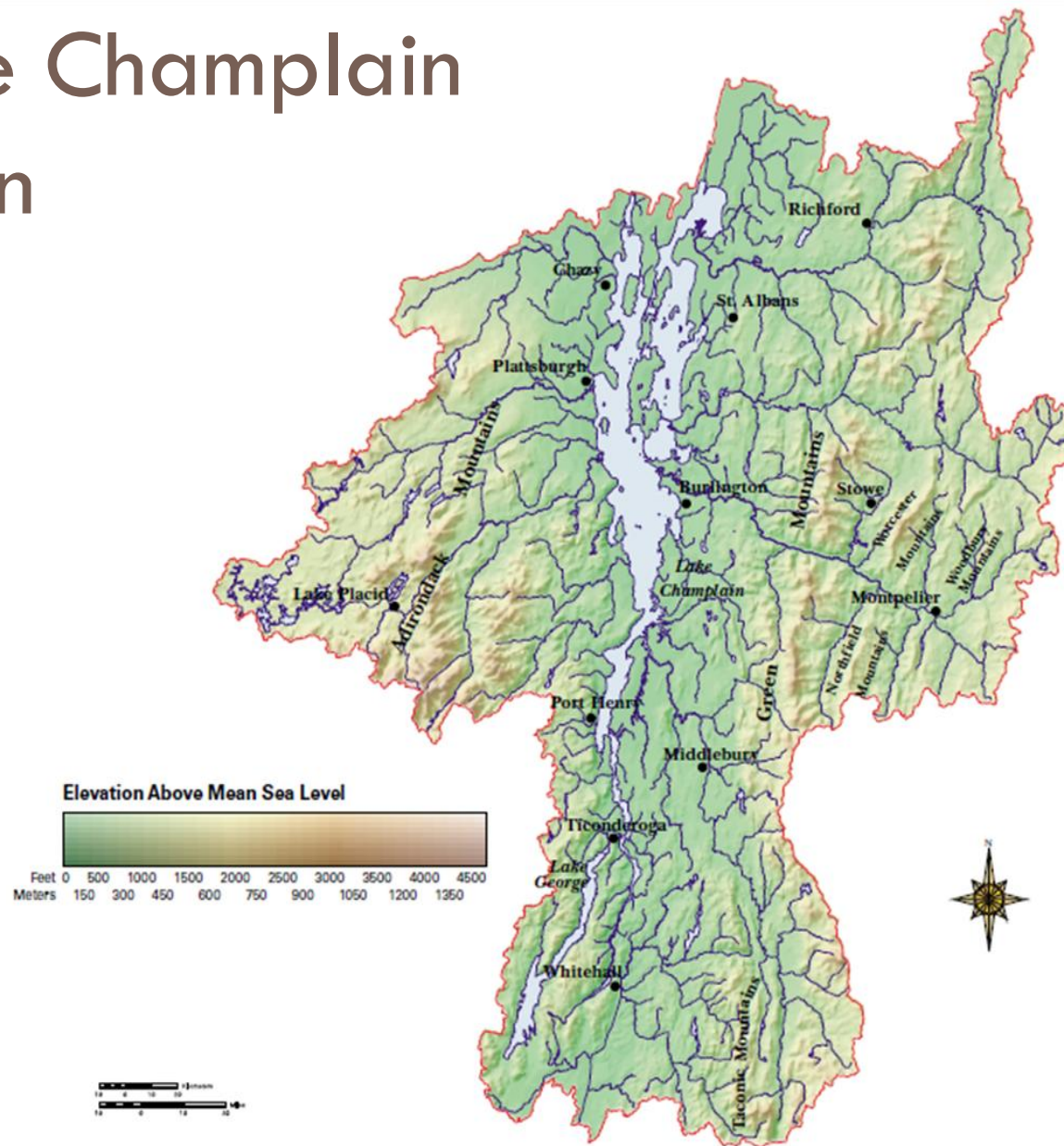
# LAKE CHAMPLAIN SEA GRANT PROGRAM 2010 NSGO REVIEW

Nikola Garber, PhD

# Lake Champlain Basin

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LC SG

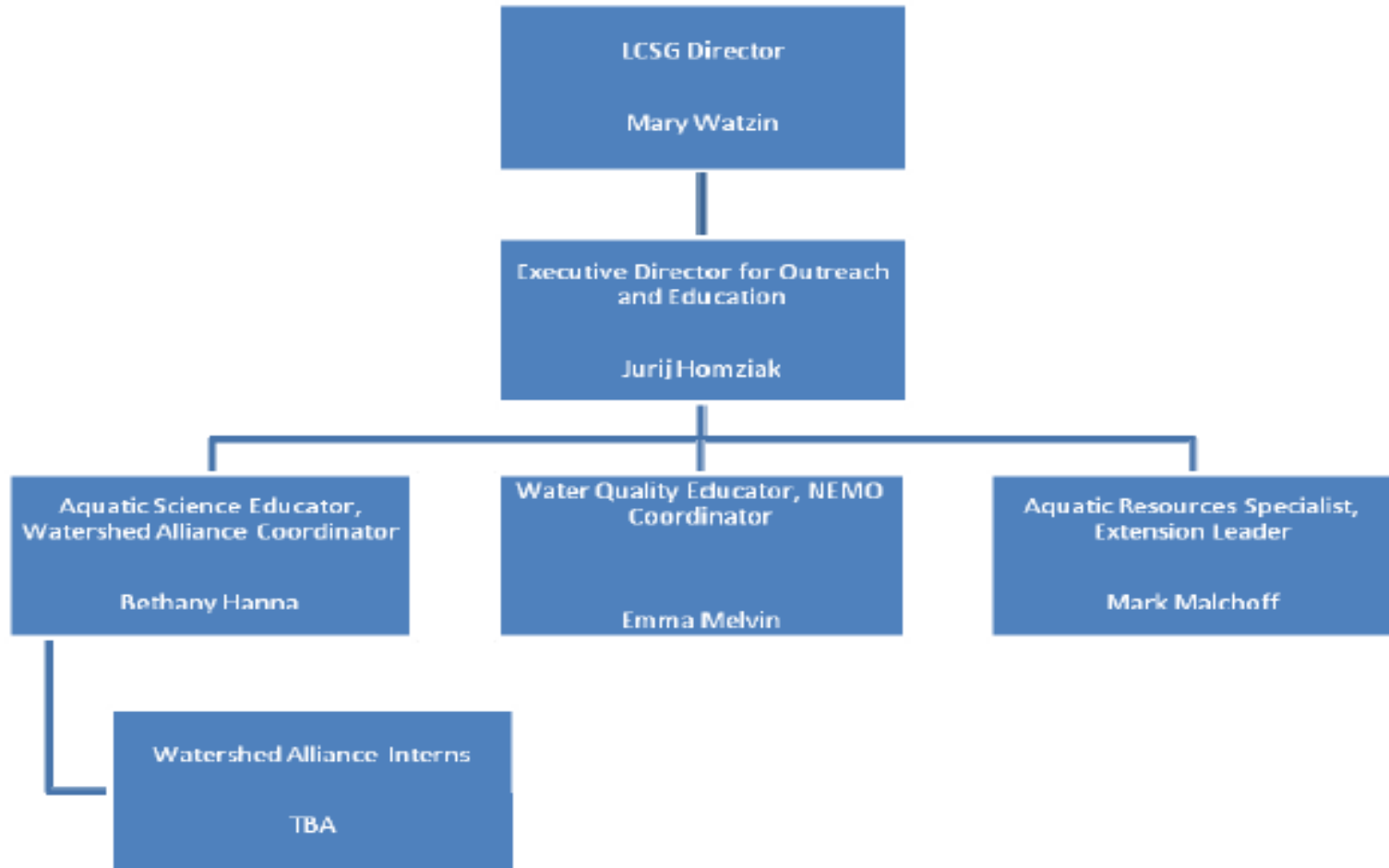


- Management Team

- Director, Mary Watzin, (0.2 FTE)
- Executive Director for Outreach and Education, Jurij Homziak, (0.8 FTE)
- Director of LCSG activities at SUNY Plattsburgh, Tim Mihuc, (0.06 FTE)

# Program Organizational Chart<sup>LC SG</sup>

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# Extension Program

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Table 1. LCSG Extension Level of Effort estimates

<b>Total SG FTE</b>	<b>Staff member</b>	<b>Healthy Coastal Ecosystems</b>	<b>Sustainable Use of Coastal Resources</b>	<b>Safe and Sust. Seafood Supply</b>	<b>Coastal Hazard Resiliency</b>
0.2	Mary Watzin	0.2			
0.8	Jurij Homziak	0.3	0.1	0.1	0.3
0.85	Mark Malchoff	0.05	0.8		
0.85	Bethany Hanna	0.85			
0.37	Emma Melvin	0.37			
1	interns	1			
	<b>TOTAL</b>	<b>2.77</b>	<b>0.9</b>	<b>0.1</b>	<b>0.3</b>

# Program Management – Advisory Boards LC SG

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## □ **Governing Board**

- Consists of Provost of University of Vermont, Provost of SUNY Plattsburgh, and the Dean of Extension at the University of Vermont
- Provides guidance to LCSG leadership on overall planning and coordination of the LCSG activities
- Director keeps board apprised of programmatic and financial issues

## □ **Board of Directors**

- Representatives of the partner universities, the University of Vermont and SUNY Plattsburgh, and key partner organizations

## □ **Program Advisory Committee (PAC)**

- Provides guidance on the selection of research proposals for funding by LCSG and input to LCSG specialists on their annual plans of work and progress reports

# Institutional Setting

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- University of Vermont (UVM)-based partnership between UVM and Plattsburgh State University of New York.
- LCSG reports to the Dean of the Rubenstein School of Environment and Natural Resources who reports to the Provost of UVM.

# State Sea Grant Program Plan – Est<sub>LC SG</sub>

## 4-yr Budget Allocation by focus area

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National Focus Area	Focus Area from Program Strategic Plan	Estimated Level of Effort of Federal, Match and Leveraged (%)	Estimated Level of Effort of Federal and Match (\$)	Estimated Level of Effort of Leveraged (\$)
Safe & Sustainable Seafood Supply		1%	132,388	0
Sustainable Coastal Development		30%	541,588	212,248
Healthy Coastal Ecosystems		67%	1,225,196	152,320
Hazard Resiliency in Coastal Communities		2%	36,104	0
Total		100%	1,935,276	364,568



## Highlights

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- HCE: 20% increase (200 house holds) in house holds adopting low input practices/watershed, 1 watershed/year 2011-2013.
- SCD: By 2013, 10 town plans that support sustainable coastal business development.
- SSSS: By 2013, 7 projects use bioengineering for shoreline stabilization.
- HRCC: By 2013, 15 basin planners include potential climate change effects in planning.

# Major Partners

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- Lake Champlain Basin Program - Partnership among the States of New York and Vermont, the Province of Québec, the USEPA, other federal and local government agencies, and many local groups, both public and private to sustainably manage Lake Champlain basin resources.
- Close partnership with UVM's Rubenstein School of Environment and Natural Resources, UVM Extension, SUNY Plattsburgh, and Cornell Cooperative Extension to support education, training, research, and outreach activities that enhance the sustainable use, conservation, and development of the Lake Champlain ecosystem.

# Network Activities - 2009

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- Participates regularly in SG Great Lakes Network Program Leaders bimonthly conference calls. Malchoff attends GL Network meetings and worked extensively on the current (Jan. 2010) GLSG Network proposal in response to the Great Lakes Restoration Initiative.
  
- Planned  
Will form partnerships as appropriate with other Northeastern States

# 2010 RFP Process

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- The process will occur in 2010. New projects to begin in 2011.

# 2008/2009 Program Metrics – Awards and Honors

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- Emma Melvin – Work with rain barrels and rain gardens highlighted by Lake Champlain Basin Program and other partners.

# 2008/2009 Highlights of Metrics<sup>LC SG</sup>

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- 12 student interns as part of watershed alliance activities.
- 10 handbooks, manuals & guides
- 5 peer-reviewed journals

# 2008/2009 Program Impacts

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- Sea Grant helps to reduce phosphorous:
  - ▣ Engages retailers to reduce residential use of phosphorous fertilizer
  - ▣ Helps towns and school districts eliminate phosphorous fertilizer use
  - ▣ Helps businesses reduce phosphorous in stormwater runoff
- Sea Grant invasive aquatic species education and research efforts help slow invasive species arrival in the basin
- Sea Grant finds cormorants less affected by breeding control programs than expected

# 2008/2009 Program Impacts (cont.)<sup>LC SG</sup>

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- Sea Grant demonstrates novel methods for shoreline stabilization using award winning guidebook
- Sea Grant and USFWS workshop on invasive species recognition pays off years later



# 2008/2009 Research Accomplishments

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- Sea Grant finds that commonly used lamprey control treatment has significant and unexpected environmental impacts
- Sea Grant develops a new method for water chestnut control (and future application)

# Best Management Practices

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- Collaboration across U.S. / Canadian border
  - ▣ Watershed in every classroom, teacher training program